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**ABSTRACT OF THE DISCLOSURE**

5 A heat exchanger for use in temperature control comprising two or more heat transfer  
elements containing flowing heating or cooling fluid and in contact with a medium whose  
temperature is to be controlled by the number of heat transfer elements in operation and  
which can be varied to control the heat transfer capacity of the heat exchanger wherein  
the number of heat transfer elements in operation is controlled by measurement of the  
temperature of the medium to be controlled and the actuator for controlling the number  
of heat transfer elements in operation is contained within the body of the heat  
10 exchanger.